



U.S. DEPARTMENT OF  
**ENERGY**

OFFICE OF  
**ENVIRONMENTAL  
MANAGEMENT**

# **WVDP Project Update**

Main Plant Process Building  
Controlled Deconstruction

**Kelly Wooley**

*Deputy General Manager*

**Citizen Task Force Meeting**  
**March 22, 2023**

# Safety



Metric	February 2023 12-Month Rolling Average
Total Recordable Cases (TRC)	0.61
Days Away Restricted or Transferred (DART)	0.61
Last Lost Time Case Recordable	December 8, 2022
Last Recordable Injury	May 12, 2022

*Background Photo: Heavy-duty equipment used onsite reinforces the importance of Safety*



# Main Plant Deconstruction



Extraction Cell #3

Before

Deconstruction of Extraction Cell #3 Completed



# Main Plant Deconstruction (Cont.)



Deconstruction of the Chemical Process Cell west wall by removing the first three (3) feet of wall of the 5-foot-thick wall



# Main Plant Deconstruction (Cont.)



Deconstruction of Extraction Cell Monorail Crane



# Main Plant Deconstruction (Cont.)



Acid Recovery Room – Off-Gas Operating Aisle (ARC-OGA) deconstruction of walls (left) and floors (right)



# Main Plant Deconstruction (Cont.)



Deconstruction of Acid Recovery Cell – Off-Gas Operating Aisle



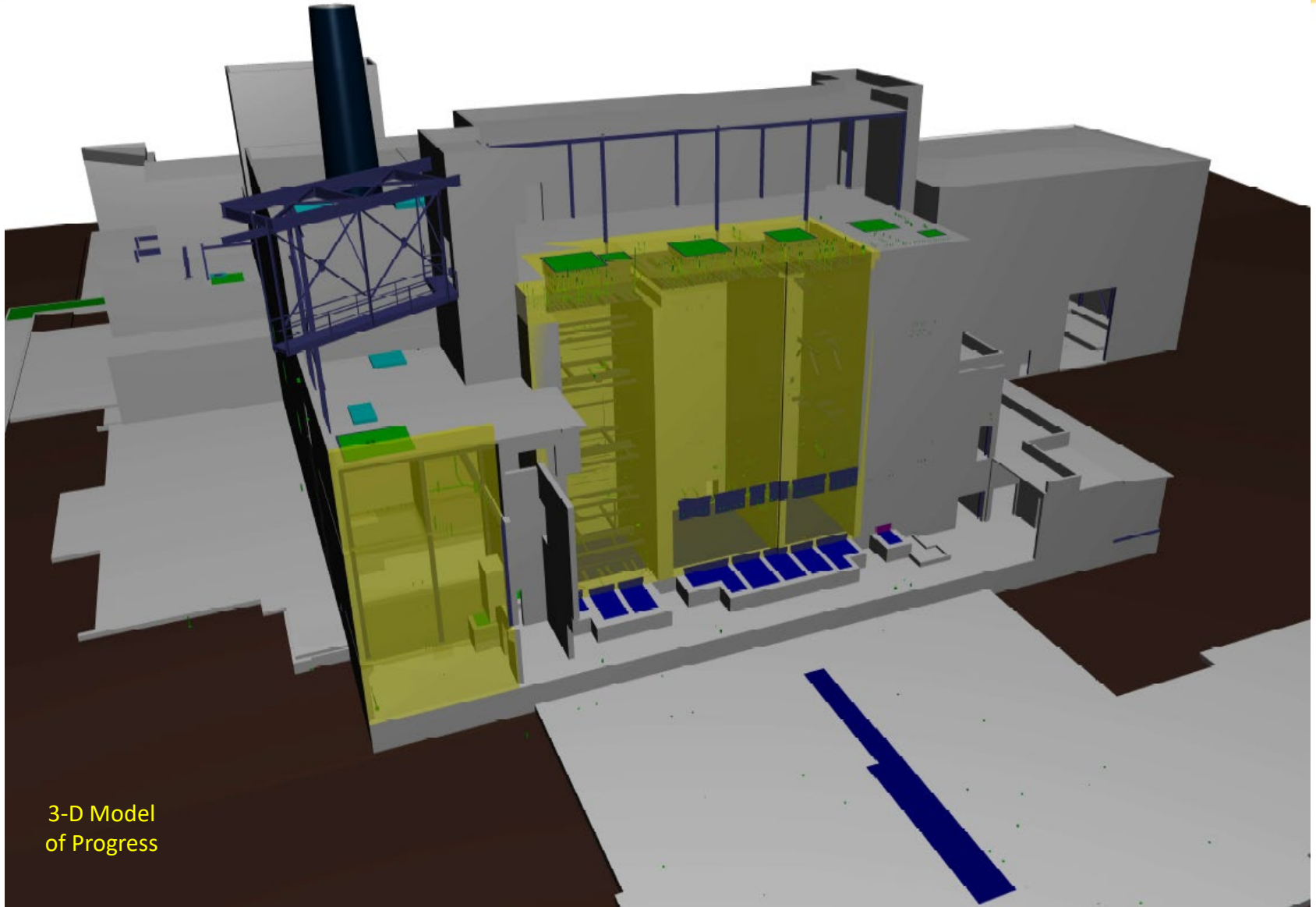
# Main Plant Deconstruction (Cont.)



Removal of Chemical Process Cell shield windows



# Main Plant Deconstruction (Cont.)



3-D Model  
of Progress



## NEW WORK SCOPE:

- **New Guardhouse Construction** – Installation of new monitoring system continues; and full occupancy is expected by end of March or early April



Inside Guard House March 2023

- **Tank Sampling (8D-4)** – A mock-up is wrapping up to demonstrate the use of a specialized pump to obtain a liquid sample of 8D-4, familiarize new staff with sampling, and finalize steps in the work instruction package; a radiation-resistant camera was delivered